

AMENDMENTS TO THE CLAIMS:

Please cancel claims 15-34 and add new claims 35-122, as denoted in the following listing. This listing of claims will replace all prior versions and listings of claims in the application:

15-34. (Canceled)

35. (New) A method comprising the act of:

providing a process comprising machine-readable instructions;

wherein the process receives an image as digital data captured by a camera;

wherein the process comprises a first image processing routine that enhances a first aspect of the received image in response to a first image processing command;

wherein the process is upgradeable to receive a second image processing routine that enhances a second aspect of the received image in response to a second image processing command; and

wherein the process outputs the enhanced received image as data suitable for display on a television.

36. (New) The method of claim 35, wherein the received image comprises a still picture.

37. (New) The method of claim 35, wherein the received image comprises a moving picture.

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38. (New) The method of claim 35, wherein the process receives the image via a wired connection.

39. (New) The method of claim 35, wherein the process receives the image via a wireless connection.

40. (New) The method of claim 35, wherein the process outputs the enhanced received image via a wired connection.

41. (New) The method of claim 35, wherein the process outputs the enhanced received image via a wireless connection.

42. (New) The method of claim 35 wherein the process outputs the enhanced received image as data suitable to be received by a data storage device.

43. (New) The method of claim 42, wherein the data storage device comprises a disk storage medium.

44. (New) The method of claim 35, wherein the process outputs the enhanced received image as data suitable to be received by a printer.

45. (New) The method of claim 35, wherein the process outputs the enhanced received image in an electronic mail transmission.

46. (New) The method of claim 35, wherein the process outputs the enhanced received image in response to a wireless command.

47. (New) A method comprising the acts of:
receiving an image as digital data captured by a camera;
executing a first routine that enhances a first aspect of the received image in response to a first image processing command;
receiving an upgrade routine that enhances a second aspect of the received image in response to a second image processing command; and
outputting the enhanced received image as data suitable for display on a television.

48. (New) The method of claim 47, wherein the data suitable for display on the television is embodied in an analog signal.

49. (New) The method of claim 47, wherein the data suitable for display on the television is embodied in a digital signal.

50. (New) The method of claim 47, wherein the received image comprises a still picture.

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51. (New) The method of claim 47, wherein outputting the enhanced received image comprises transmitting electronic mail.

52. (New) A method comprising the acts of:
receiving an image as digital data captured by a camera;
storing the received image on a storage device comprising a disk;
executing a first routine that enhances a first aspect of the stored received image in response to a first image processing command;
receiving an upgrade routine that enhances a second aspect of the stored received image in response to a second image processing command; and
outputting the enhanced received image as data suitable for display on a television.

53. (New) The method of claim 52, wherein the data suitable for display on the television is embodied in an analog signal.

54. (New) The method of claim 52, wherein the data suitable for display on the television is embodied in a digital signal.

55. (New) The method of claim 52, wherein the received image comprises a still picture.

56. (New) The method of claim 52, wherein outputting the enhanced received image comprises transmitting electronic mail.

57. (New) A method comprising the acts of:
receiving an image as digital data captured by a camera;
executing a first routine that enhances a first aspect of the received image in response to a first image processing command;
receiving an upgrade routine that enhances a second aspect of the received image in response to a second image processing command;
storing the enhanced received image on a storage device comprising a disk; and
outputting the stored enhanced received image as data suitable for display on a television.

58. (New) The method of claim 57, wherein the data suitable for display on the television is embodied in an analog signal.

59. (New) The method of claim 57, wherein the data suitable for display on the television is embodied in a digital signal.

60. (New) The method of claim 57, wherein the received image comprises a still picture.

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61. (New) The method of claim 57, wherein outputting the stored enhanced received image comprises transmitting electronic mail.

62. (New) An image display system comprising:

a camera;

an image processing system; and

a television;

wherein the image processing system receives an image as digital data captured by the camera;

wherein the image processing system comprises a first image processing routine that enhances a first aspect of the received image in response to a first image processing command;

wherein the image processing system is upgradeable to receive a second image processing routine that enhances a second aspect of the received image in response to a second image processing command; and

wherein the image processing system outputs the enhanced received image as data suitable for display on the television.

63. (New) The system of claim 62, wherein the received image comprises a still picture.

64. (New) The system of claim 62, wherein the received image comprises a moving picture.

65. (New) The system of claim 62, wherein the processing system receives the image via a wired connection.

66. (New) The system of claim 62, wherein the processing system receives the image via a wireless connection.

67. (New) The system of claim 62, wherein the processing system outputs the enhanced received image via a wired connection.

68. (New) The system of claim 62, wherein the processing system outputs the enhanced received image via a wireless connection.

69. (New) The system of claim 62, wherein the processing system outputs the enhanced received image as data suitable to be received by a data storage device.

70. (New) The system of claim 69, wherein the data storage device comprises a disk storage medium.

71. (New) The system of claim 62, wherein the processing system outputs the enhanced received image as data suitable to be received by a printer.

72. (New) The system of claim 62, wherein the processing system outputs the enhanced received image as electronic mail.

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73. (New) The system of claim 62, wherein the processing system outputs the enhanced received image in response to a wireless command.

74. (New) An image processing system comprising;
a display device for displaying image data received from an image capture device; and
a data processing system, coupled to the display device, comprising:
an input port for receiving commands to process the displayed image data, and
a processor for executing, in response to the commands, an image enhancement routine to enhance a first aspect of the displayed image data, wherein the image enhancement routine is selected from an upgradeable enhancement process operable to receive at least one additional enhancement routine for enhancing a second aspect of the displayed image data.

75. (New) The system of claim 74, wherein the image enhancement routine comprises one of an edge sharpening routine, an image softening routine, an image cropping routine, a compression routine, a decompression routine, and a formatting routine.

76. (New) The system of claim 74 further comprising an output port for outputting the enhanced image data for additional processing.

77. (New) The system of claim 76, wherein the output port outputs the enhanced image data to a storage device.

78. (New) The system of claim 76, wherein the output port outputs the enhanced image data to a printing device.

79. (New) The system of claim 74, wherein the image capture device comprises a digital still camera.

80. (New) The system of claim 74, wherein the image capture device comprises a digital video camera.

81. (New) The system of claim 74, wherein the display device comprises a television.

82. (New) An image processing system comprising;
- a display device for displaying image data received from an image capture device; and
- a data processing module, coupled to the display device, comprising:
- a user interface for displaying an image enhancement option;
- an input port for receiving a command that selects the image enhancement option;
- a processor for performing the selected image enhancement option by executing, in response to the command, an image enhancement routine that enhances a first aspect of the displayed image data, the image enhancement routine being selected from an upgradeable enhancement process operable to receive an additional enhancement routine for enhancing an additional aspect of the displayed image data; and
- an output port for outputting the enhanced image data to a peripheral device.
83. (New) The system of claim 82, wherein the peripheral device comprises a storage device.
84. (New) The system of claim 82, wherein the peripheral device comprises a printing device.

85. (New) The system of claim 82, wherein the image capture device comprises a digital still camera.

86. (New) The system of claim 82, wherein the image capture device comprises a digital video camera.

87. (New) The system of claim 82, wherein the display device comprises a television.

88. An image processing system comprising:
a display device including a port for interfacing with an image capture device, the display device configured to receive image data from the image capture device and display the image data; and

a data processing module, coupled to the display device, comprising:

an input port for receiving commands to process the displayed image data, and

a processor for executing, in response to the commands, an image enhancement routine to enhance a first aspect of the displayed image data,

wherein the image enhancement routine is selected from an upgradeable enhancement process operable to receive at least one additional enhancement routine for enhancing a second aspect of the displayed image data.

89. (New) The system of claim 88, wherein the image capture device comprises a digital still camera.

90. (New) The method of claim 88, wherein the image capture device comprises a digital video camera.

91. (New) The system of claim 88, wherein the display device comprises a television.

92. (New) The system of claim 88, wherein the image enhancement routine comprises one of an edge sharpening routine, an image softening routine, an image cropping routine, a compression routine, a decompression routine, and a formatting routine.

93. (New) An apparatus for processing images comprising:
a first input terminal for receiving image data in a first format;
a second input terminal for receiving image processing commands;
a storage device associated with the apparatus for storing the image data; and
a processor configured to:

store the received image data on the storage device,
execute, in response to the image processing commands, instructions
included in an upgradeable image enhancement process for processing the
image data so as to enhance the image data, and
output the enhanced image data.

94. (New) The apparatus of claim 93, wherein the processor executes
instructions for performing at least one of edge sharpening, image softening, image
cropping, compression, decompression, and formatting.

95. (New) The apparatus of claim 93, wherein the first input terminal receives
the image data from a digital camera.

96. (New) The apparatus of claim 93, wherein the first input terminal receives
the image data from a digital video camera.

97. (New) The apparatus of claim 93, wherein the storage device includes
memory elements capable of storing the image data.

98. (New) The apparatus of claim 93, wherein the processor outputs the image data to a display apparatus via a wireless transmission medium.

99. (New) The apparatus of claim 98, wherein the display apparatus comprises a television.

100. (New) The apparatus of claim 93, wherein the processor outputs the image data to a display apparatus via digital serial transmission medium.

101. (New) The apparatus of claim 100, wherein the display apparatus comprises a television.

102. (New) The apparatus of claim 93, wherein the second input terminal receives the image processing commands via a wireless link from a remote-control device.

103. (New) A computer-readable medium including instructions, executable by a processor, for performing a method, the method comprising:

- receiving image data from an image capture device;
- receiving image processing commands;
- processing, in response to the received commands, the image data so as to enhance a first aspect of the image data; and
- displaying the processed image data;

wherein the image data is enhanced via an upgradeable image enhancement process that includes at least one routine for enhancing the first aspect of the image display, the enhancement process operable to receive an additional routine for enhancing an additional aspect of the image display.

104. (New) The computer-readable medium of claim 103, wherein the at least one routine for enhancing comprises at least one of an edge sharpening routine, an image softening routine, an image cropping routine, a compression routine, a decompression routine, and a formatting routine.

105. (New) A computer program product containing instructions for controlling a processor to perform a method, the method comprising:

- receiving digital image data from a digital image capture device;
- selecting, based on processing commands, at least one enhancement routine from an upgradeable digital enhancement process;
- processing the digital image data using the at least one routine so as to enhance the image data; and
- outputting the enhanced image data for additional processing in response to an output command.

106. (New) The computer program product of claim 105, wherein the at least one enhancement routine comprises at least one of an edge sharpening routine, an image softening routine, an image cropping routine, a compression routine, a decompression routine, and a formatting routine.

107. (New) The computer program product of claim 105, wherein outputting the enhanced image data for additional processing comprises outputting the enhanced image data to a printing device.

108. (New) The computer program product of claim 105, wherein outputting the enhanced image data for additional processing comprises outputting the enhanced image data to a storage device.

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109. (New) An image viewer apparatus comprising:

a data reader configured to read processed digital image data from a storage medium, wherein the digital image data is obtained by an image capture device and processed by an upgradeable image enhancement process prior to being read;

a processor configured to convert the processed digital image data read by the data reader into video signals; and

an output terminal coupled to the processor, the output terminal outputting the video signals to a display device.

110. (New) The apparatus of claim 109, wherein the data reader reads the digital image data from a portable storage medium.

111. (New) The apparatus of claim 109, wherein the output terminal outputs the video signals to a television.

112. (New) The apparatus of claim 109, wherein the image capture device comprises a digital camera.

113. (New) The apparatus of claim 109, wherein the image capture device comprises a digital video camera.

114. (New) An image viewing system comprising:

an image processing module that processes digital image data obtained by an image capture device, the processing module comprising:

an upgradeable enhancement process including at least one image enhancement routine that enhances the digital image data, and

executable instructions that, when executed, direct a storage component to store the enhanced digital image data; and

an interface device comprising:

a data reader configured to retrieve the stored digital image data,

a processor configured to convert the retrieved digital image data into video signals, and

an output terminal coupled to the processor, the output terminal outputting the video signals for display.

115. (New) The system of claim 114, wherein the at least one image enhancement routine comprises at least one of an edge sharpening routine, an image softening routine, an image cropping routine, a compression routine, a decompression routine, and a formatting routine.

116. (New) The system of claim 114, wherein the upgradeable image enhancement process is operable to receive an image enhancement upgrade routine.

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117. (New) The system of claim 114, wherein the output terminal outputs the video signals to a television.

118. (New) The system of claim 114, wherein the image capture device comprises a digital still camera.

119. (New) The system of claim 114, wherein the image capture device comprises a digital video camera.

120. (New) The system of claim 114, wherein the image processing module comprises a computer program product.

121. (New) The system of claim 114, wherein the executable instructions that direct the storage component to store the enhanced digital image data comprise instructions that direct the storage component to store the enhanced digital image data on a portable storage medium.

122. (New) The system of claim 121, wherein the data reader retrieves the enhanced digital image data from the portable storage medium.